

What is claimed is:

1. A word recognizing apparatus, comprising:
- listing means for storing a list of at least one
5 word;
- dictionary means for storing feature amounts of
a plurality of characters;
- generating means for generating a feature amount
of a word stored in said listing means using the
10 feature amounts of characters stored in said
dictionary means; and
- collating means for collating the generated
feature amount of the word with a feature amount of
a recognition target and outputting a recognition
15 result.
2. The word recognizing apparatus according to claim
1, wherein said collating means includes a memory
means which stores the feature amount of the word, and
20 releases the memory means when a collation of the
feature amount of the word is completed, and stores
a feature amount of the next word.
3. The word recognizing apparatus according to claim
25 1, further comprising:

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5, wherein said generating means generates a new direction code histogram series by arranging a plurality of direction code histogram series corresponding to the feature amounts of characters composing the word and designating a generated direction code histogram series as the feature amount of the word.

7. The word recognizing apparatus according to claim 1, wherein said collating means performs a non-linear matching of the feature amount of the word and the feature amount of the recognition target, and calculates a degree of similarity between the feature amount of the word and the feature amount of the recognition target.

8. The word recognizing apparatus according to claim 1, wherein said listing means stores a list which has a high possibility of containing a word corresponding to the recognition target.

9. A word recognizing apparatus, comprising:
generating means for dynamically generating a feature amount of a word using feature amounts of characters; and

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collating means for collating the generated feature amount of the word with a feature amount of a recognition target, and for outputting a recognition result.

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10. A recognizing apparatus, comprising:

generating means for dynamically generating a feature amount of a pattern string using feature amounts of patterns; and

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collating means for collating the generated feature amount of the pattern string with a feature amount of a recognition target, and for outputting a recognition result.

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11. A computer-readable storage medium on which is recorded a program causing a computer to execute a process, said process comprising the steps of:

dynamically generating a feature amount of a word using feature amounts of characters; and

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collating the generated feature amount of the word with a feature amount of a recognition target.

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12. A computer-readable storage medium on which is recorded a program causing a computer to execute a process, said process comprising the steps of:

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dynamically generating a feature amount of a pattern string using feature amounts of patterns; and

collating the generated feature amount of the pattern string with a feature amount of a recognition target.

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13. A recognizing method, comprising the steps of:

generating a list of at least one pattern string;

generating a dictionary for storing feature

10 amounts of a plurality of patterns;

dynamically generating a feature amount of a pattern string stored in said list using feature amounts of patterns stored in said dictionary; and

15 collating the generated feature amount of the pattern string with a feature amount of a recognition target.

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